

ABSTRACT

1
2 An apparatus, method and system to improve data transfer across a
3 communications network by employing an acknowledgment independent equalized data
4 packet transfer mechanism on a peer-to-peer basis. The present disclosure teaches how many
5 computers can send data to many other computers, with particularity on a peer-to-peer basis
6 when desired, without requiring acknowledgements of safe receipt by the receiving
7 computer. By aggregating several computers to send data in a collection to a requesting
8 computer, transfer rates may be increased. Further, by not requiring acknowledgment of
9 receipt from the receiving computer, and by treating all data packets with equal utility, the
10 present disclosure teaches a mechanism that reduces file transfer administration bandwidth,
11 increases file transfer scalability on demand, and increases overall network transfer
12 efficiency.

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